

PATENT APPLICATION  
DOCKET NO.: 41290.00012USPT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of: Armen Abazajian et al. §  
Serial No.: 10/682,244 § Examiner:  
Filed: October 9, 2003 §  
Title: Synthetic Transportation Fuel and § Unit Art:  
Method for Its Production §

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
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Name: Kathleen Byrd

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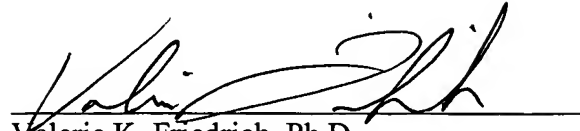
**INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of potentially relevant art of which applicants are aware of. A copy of each publication listed on Form PTO-1449 is enclosed herewith. The submission of this Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

Applicant is filing this Information Disclosure Statement under 37 C.F.R. § 1.97(b)(3), i.e., before the mailing date of a first Office Action on the merits. Therefore, no fee is believed to be required. However, the Commissioner is hereby authorized to charge any deficiency to Deposit Account 10-0447, Reference 41290.00012USPT(VF).

Respectfully submitted,

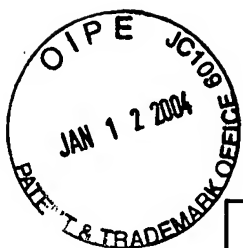
JENKENS & GILCHRIST  
A Professional Corporation

A handwritten signature in black ink, appearing to read 'Valerie K. Friedrich', written over a horizontal line.

Valerie K. Friedrich, Ph.D.

Reg. No. 39,676

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/682244
				Filing Date	October 9, 2003
				First Named Inventor	Armen Abazajian
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	41290-00012USPT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-3,852,207	12-03-1974	Stangeland et al.	
	AB	US-3,904,513	09-09-1975	Fischer et al.	
	AC	US-4,080,397	03-21-1978	Derr et al.	
	AD	US-4,131,568	12-26-1978	Bartish	
	AE	US-4,157,294	06-05-1979	Iwao et al.	
	AF	US-4,207,424	06-10-1980	Winnick	
	AG	US-4,497,968	02-05-1985	Wright et al.	
	AH	US-4,513,161	04-23-1985	Mauldin	
	AI	US-4,542,122	09-17-1985	Payne et al.	
	AJ	US-4,556,752	12-03-1985	Mauldin et al.	
	AK	US-4,568,663	02-04-1986	Mauldin	
	AL	US-4,579,995	04-01-1986	Mauldin	
	AM	US-4,628,135	12-09-1986	Owen et al.	
	AN	US-4,640,764	02-03-1987	Hamilton, Jr.	
	AO	US-4,663,305	05-05-1987	Mauldin et al.	
	AP	US-4,670,475	06-02-1987	Mauldin	
	AQ	US-4,751,345	06-14-1988	Mauldin	
	AR	US-4,755,536	07-05-1988	Mauldin et al.	
	AS	US-4,762,959	08-09-1988	Mauldin et al.	
	AT	US-4,795,730	01-03-1989	Drake	
	AU	US-4,832,819	05-23-1989	Hamner	
	AV	US-4,973,453	11-27-1990	Agee	
	AW	US-5,023,389	06-11-1991	Grandvallet et al.	
	AX	US-5,227,563	07-13-1993	Fukuhara et al.	
	AY	US-5,286,455	02-15-1994	Eilers et al.	
	AZ	US-5,475,183	12-12-1995	Araki et al.	
	AA1	US-5,733,941	03-31-1998	Waycuillis	
	AB1	US-5,811,620	09-22-1998	Knifton et al.	
	AC1	US-5,817,906	10-06-1998	Marker et al.	
	AD1	US-5,861,441	01-19-1999	Waycuillis	
	AE1	US-5,869,434	02-09-1999	Mueller et al.	
	AF1	US-6,121,504	09-19-2000	Kuechier et al.	
	AG1	US-6,130,259	10-10-2000	Waycuillis	
	AH1	US-6,169,120	01-02-2001	Beer	
	AI1	US-6,172,124	01-09-2001	Woiflick et al.	
	AJ1	US-6,180,842	01-30-2001	Berlowitz et al.	
	AK1	US-6,296,757	10-02-2001	Wittenbrink et al.	
	AL1	US-2001/0021724	09-13-2001	Acruri et al.	
	AM1	US-6,344,491	02-05-2002	Beer et al.	
	AN1	US-6,384,170	05-07-2002	Knull et al.	

Examiner Signature		Date Considered	
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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	41290-00012USPT

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	BA	-EP 0 583 836-A1	02-23-1994	Shell		
	BB	-WO 01/46096-A1	06-28-2001	Sasol Tech.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CA	NATARAJAN, G.S. et al., "Alumina Catalyst for Alcohol Dehydration," Indian Journal of Tech., 10 (1972); 463-464.		
	CB	LURGI, "Dehydration of Fatty Alcohols to Alpha-Olefins," pgs. 1-4		
	CC	S.A. ALI, H.S.MAZHAR ET AL., "Catalyst Conversion of Isopropanol on A1203-Nd203 Supported on Silica," Afinidad 53 (1996) 61		
	CD	R.M. CURSETJI, A.N. SINGH and A.C. DEO, "Ethylene from Ethyl Alcohol on High Silica Zeolite Catalyst," Chem. Age of India, Vol. 37, No. 6, June 1986, 407-410.		
	CE	JOSE CORELLA and JOSE M. ASUA, "Kinetics and Mechanism of Deactivation by Fouling of a Silica-Alumina Catalyst," The Canadian Journ. of Chem. Eng., Vol. 59, Aug. 1981, 506-510.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/682,244
	Filing Date	October 9, 2003
	First Named Inventor	Armen Abazajian
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	41290.12USPT

ENCLOSURES (Check all that apply)		
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Firm or Individual	VALERIE K. FRIEDRICH, PH.D.
Signature	
Date	January 9, 2004

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Typed or printed	Kathleen Byrd		
Signature		Date	January 9, 2004

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